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BULLETIN
OF THE
TORREY BOTANICAL CLUB.

Vol. XVI.]

New York, March 8, 1889.

[No. 3.

An Enumeration of the Plants Collected by Dr. H. H. Rusby in
South America, 1885-1886.—V.

(Continued from p. 20.)

CARYOPHYLLÆ.

- Silene Gallica*, L. Sp. Pl. 595. Near La Paz, 10,000 ft. (2476).
LYCHNIS ANDICOLA (Gill.) (*Silene andicola*, Gill. Bot. Misc.
iii. 147). Sorata, Bolivia, 10,000 ft. (1179).
Cerastium arvense, L. l. c. 628. Sorata, 10,000 ft. (1193 and
1194). Forms not quite identical with any boreal ones.
Var. *arvensiforme* (Wedd.) Rohrb. Linnæa, xxxvii. 305.
Unduavi, 8,000 ft. (1191).
Cerastium Soratense, Rohrb. l. c. 291 (?) Unduavi, 8,000 ft.
(1192). Specimens with very large sepals, perhaps an
undescribed species.
Stellaria media (L.) Smith, Engl. Bot. t. 537. Sorata, 8,000 ft.
(1190).
Stellaria nemorum, L. l. c. 603. Yungas, 6,000 ft. (1186);
Ingenio del Oro, 10,000 ft. (1184); also a form with sessile,
thin, not acuminate leaves, perhaps a distinct species, from
Yungas. (1185).
Arenaria lanuginosa (Michx.) Rohrb. in Mart. Flor. Bras. Cary-
phyll. 274. (*A. alsinoides*, Willd.) Sorata, 10,000 ft. (1188);
Unduavi, 8,000 ft. (1187); also a form with short leaves and
very pubescent stems from Unduavi, 10,000 ft. (1189), and
another one from the same place, smoother and forming
dense tufts. (1195).
Drymaria cordata (L.) Willd. in Rœm & Schult. Syst. Veg.
v. 406. Yungas, 6,000 ft. (1182).
Drymaria pauciflora, Bartl. in Presl, Rel. Hænk. ii. 8. Near
La Paz, 10,000 ft. (1183).

TISSA VILLOSA (Pers.) *Spergula villosa*, Pers. Syn. i. 522;
Spergularia villosa (Pers.) Cambess. in St. Hillaire, Flor.
 Bras. Merid. ii. 129). Near La Paz. 10,000 ft. (1180);
 Yungas, 6,000 ft. (1181).

PORTULACEÆ.

Portulaca pilosa, L. Sp. Pl. 639. Near La Paz, 10,000 ft.
 (1445).
Talinum patens (L.) Willd. Sp. Pl. ii. 864. Yungas, 4,000 ft.
 (1931).
Calandrinia caulescens, H. B. K. Nov. Gen. vi. 78. Yungas,
 6,000 ft. (2601).

HYPERICINEÆ.

Hypericum brevistylum, Chois. Prodr. Hyper. 51. Sorata,
 13,000 ft. (1389).
Hypericum thesiifolium, H. B. K. l. c. 192. Unduavi, 8,000
 ft. (1196).
Hypericum struthiolæfolium, Juss. Ann. Mus. iii. 160. Sorata,
 13,000 ft. (1350). A depressed alpine form.
Vismia Guianensis (Aubl.) Pers. Ench. ii. 86. Mapiri, 2,500
 ft. (1810 and 722).
Vismia Cayennensis (L.) Pers l. c. Guanai, 2,000 ft. (860).
Vismia glabra, Ruiz & Pav. Syst. Flor. Per. i. 183. Yungas,
 6,000 ft. (720).
Vismia tomentosa, Ruiz & Pav. l. c. Unduavi, 8,000 ft. (719).
 Apparently this species, but no authentic specimens seen.

GUTTIFERÆ.

Clusia insignis, Mart. Nov. Gen. & Sp. iii. 164. Mapiri, 5,000
 ft. (1242). The same as Lechler's No. 2,204 from Peru, and
 from insufficient material is doubtfully referred to this
 species.
Clusia Ciriuva, Cambess. in St. Hil. Flor. Bras. Merid. i. 245.
 Mapiri, 5,000 ft. (1246). Apparently this species, but flow-
 ers sessile.
Clusia latipes, Planch. & Triana, Ann. Sci. Nat. (IV.) xiii. 365.
 Mapiri, 5,000 ft. (1809).
Havetia luurifolia, H. B. K. Nov. Gen. & Sp. i. 204 (?)
 Unduavi, 8,000 ft. (1771).

Tovomita umbellata, Benth. in Mart. Flor. Bras. Guttif. 448.

Mapiri, 5,000 ft. (1849).

Tovomita (?) Same locality, (2621).

Chrysochlamys myrcioides, Planch. & Tri. Ann. Sci. Nat. (IV.)

xiv. 106. Yungas, 6,000 ft. (2665).

Rengifa acuminata, Planch. & Triana, l. c. xiv. 243. Beni

River. (2481). Doubtfully referred to this species.

Symphonia globulifera, L. f. Suppl. 302. Mapiri, 5,000 ft. (1853).

Rheedia Spruceana, Engl. in Mart. Flor. Bras. Guttif. 463.

Beni River. (2093).

Quiina; a species collected in fruit, perhaps undescribed.

Junction of the Beni and Madre de Dios (2675).

No. 2613 collected at the Falls of Madeira, Brazil, is apparently of this order, but the specimens are too imperfect for determination.

TERNSTRÆMIACEÆ.

Caryocar glabrum, Pers. Ench. ii. 84. Junction of the Beni and Madre de Dios. A form or variety with leaves more serrate than usual (861.)

Marcgravia rectiflora, Triana & Planch., Ann. Sci. Nat. (IV.)

xvii. 364. Yungas, 6,000 ft. (2092 and 2612;) also a scrap from Reis, 1,500 ft. (2707.)

Marcgravia. Yungas, 6,000 ft. (1362.) I brought this from Kew with the name *M. peduncularis*, Poepp., but am now unable to find this name either among the species recognized by Wittmack in the Brazil Flora nor in his synonymy. It is therefore left for subsequent investigation.

Ternstræmia Brasiliensis, Cambess. in St. Hil. Flor. Bras. Merid.

i. 298. Mapiri, 5,000 ft. (486.)

Ternstræmia confertiflora, Triana & Planch. in Herb. Kew. Mapiri, 5,000 ft. (617.)

FREZIERA INÆQUILATERA, spec. nova. Caulis rectus, villosopubescent; foliis rigidis, elliptico-lanceolatis, 12-20 cm. longis, 4-6 cm. latis, subtus densissime fulvo-pubescentibus supra minutissime molliter vel ad maturitatem glabris, margine undique serrulata, apice longe acuminata, basi obtusa, valde inæquilatera; nervi subter prominentes; petioli rigidi, 1 cm.

- longi; pedicellis, bracteis, calycibus cum petalisque, fulvo-pubescentibus; flores fasciculatæ, pedunculi 8 mm. longi. Related to *F. reticulata*, H. B. K. Mapiri, 2,500 ft. (2467).
- Saurauja serrata*, DC. Prodr. i. 526. Mapiri 5,000 ft. (481.) Possibly specifically distinct from the Mexican plant, but I can see from these specimens no very obvious differences.
- Saurauja parviflora*, Triana & Planch. l. c. xviii. 268. ex. descriptio. Yungas 6,000 ft. (483.)
- SAURAUJA RUSBYI, spec. nova. Caulis debilis, angulatus, hispidus; folia obovata, 15-20 cm. longa, 6-8 cm. lata, utrinque hispida, undique aristo-serrata, apices acuti vel acuminati, basi cuneati; paniculis axillaribus, longe et graciliter peduncularibus, multifloris; floribus 10-15 mm. latis, petalis rotundatis, glabris, calicibus et pedicellis breviter hirsutis; antheræ oblongæ, loculis apice poro dehiscentibus. Yungas, 6,000 ft. (482.)
- Saurauja*, near *S. serrata*, perhaps a distinct species. Unduavi, 8,000 ft. (506.)
- Laplacea semiserrata*, Cambess. in St. Hil. l. c. i. 300. Yungas, 4,000 ft. (485.)
- Laplacea Organensis*, Planch. in Herb Kew. (Gardner, No. 5680.) Yungas, 6,000 ft. (627.)
- Laplacea symolocoides*, Planch. & Lind. in Ann. Sci. Nat. l. c. 269. Mapiri, 5,000 ft. (484.)

MALVACEÆ.

- Malvastrum Peruvianum* (L.), Gray, in Bot. U. S. Expl. Exped. 146. Yungas, 6,000 ft. (1463); Near La Paz, 10,000 ft. (1921).
- Malvastrum lobulatum*, Wedd. Chlor. And. ii. and in Bull. Soc. Bot. France, xii. 82. Near La Paz, 12,000 ft. (1373).
- MALVASTRUM RUSBYI, spec. nova. Frutescens; caulis lignescens, 25-30 cm. altus, ramosus; rami juvenales densissime stellato-pubescentes; folia ovato-reniformia, triloba, crenata, stellato-pubescentia lobo terminali longissimo; nervi subter prominentes; petioli graciles 2-4 cm. longes; pedunculis axillaribus, 1-8 cm. longis, multifloris; flores in capitulis congestæ, purpurascens, 2-3 cm. lat.; involucrello speciose stellato-tomentoso.
- Near La Paz, 10,000 ft. (1780 and 1781.) Related to *M. capitatum*, (Cav.).